

FIG. 1
PRIOR ART

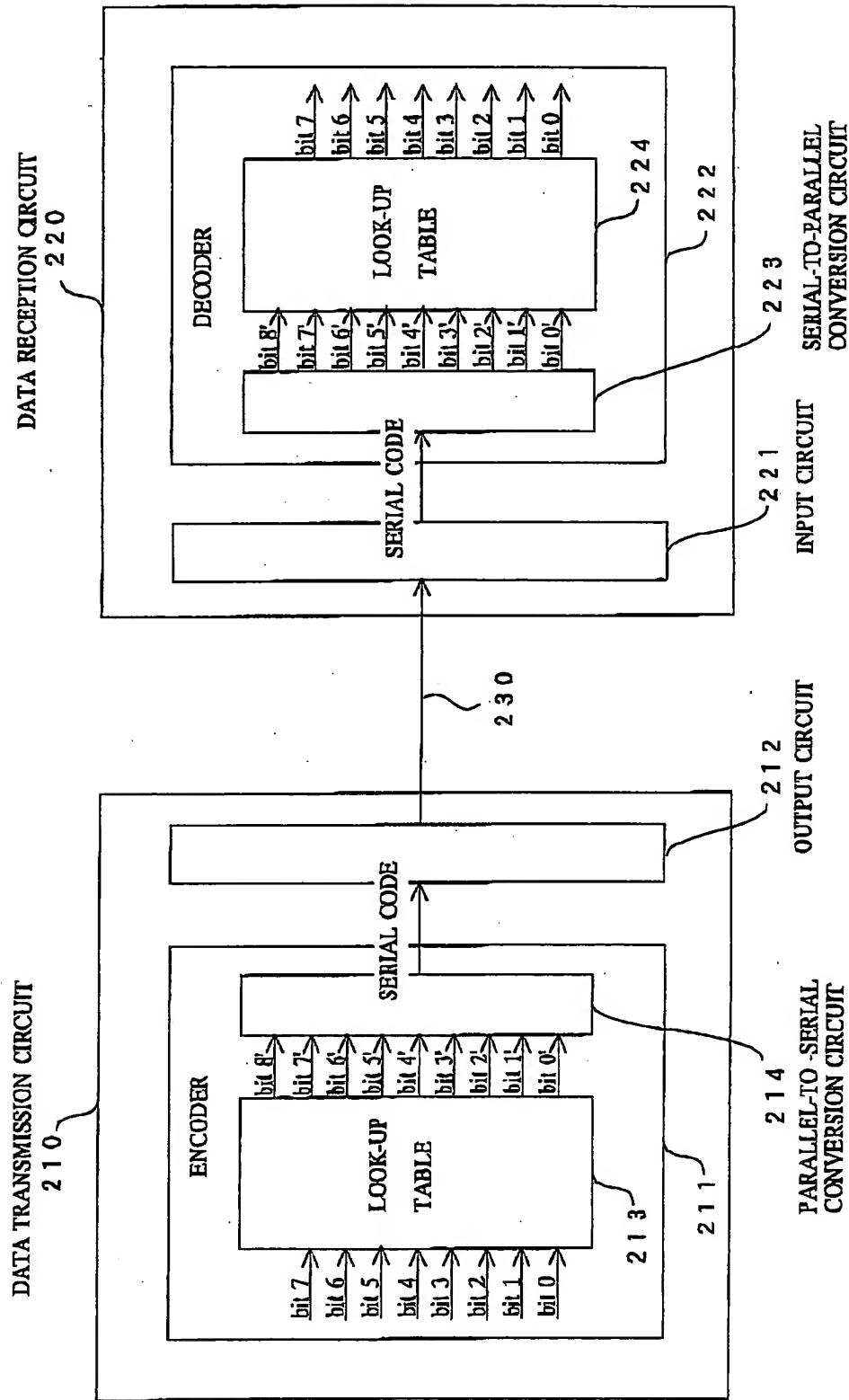


FIG. 2

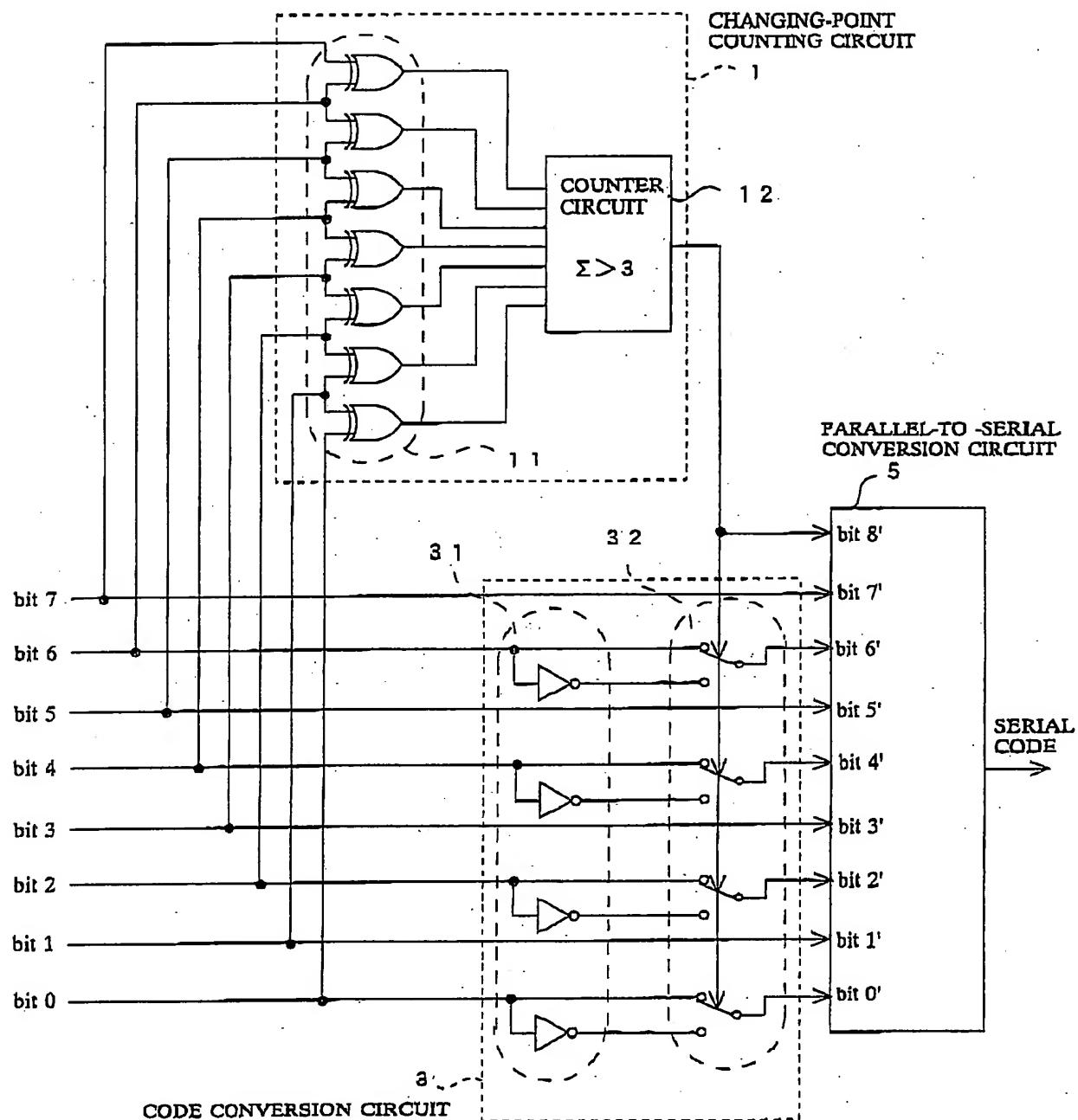


FIG. 3A

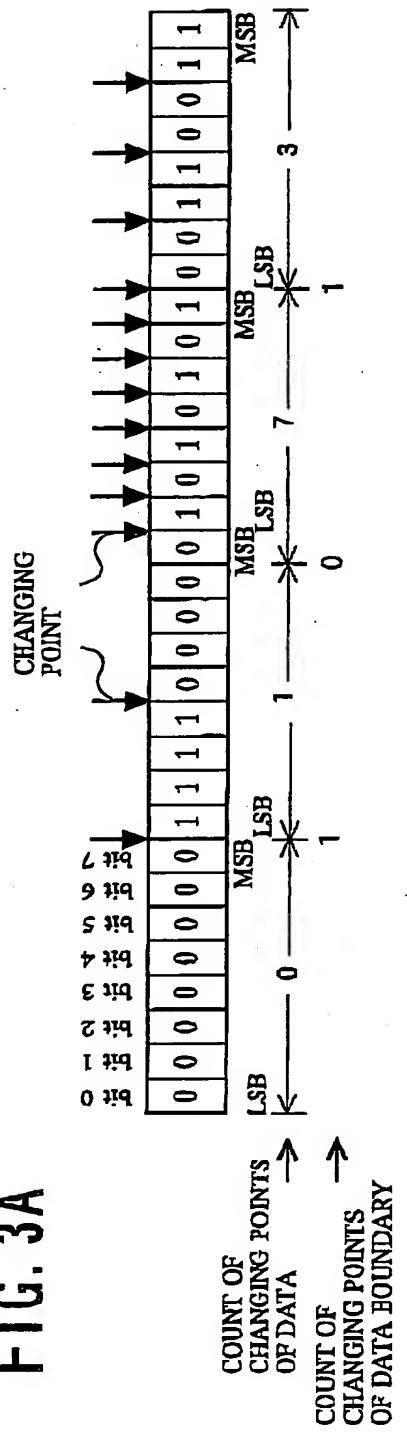


FIG. 3B

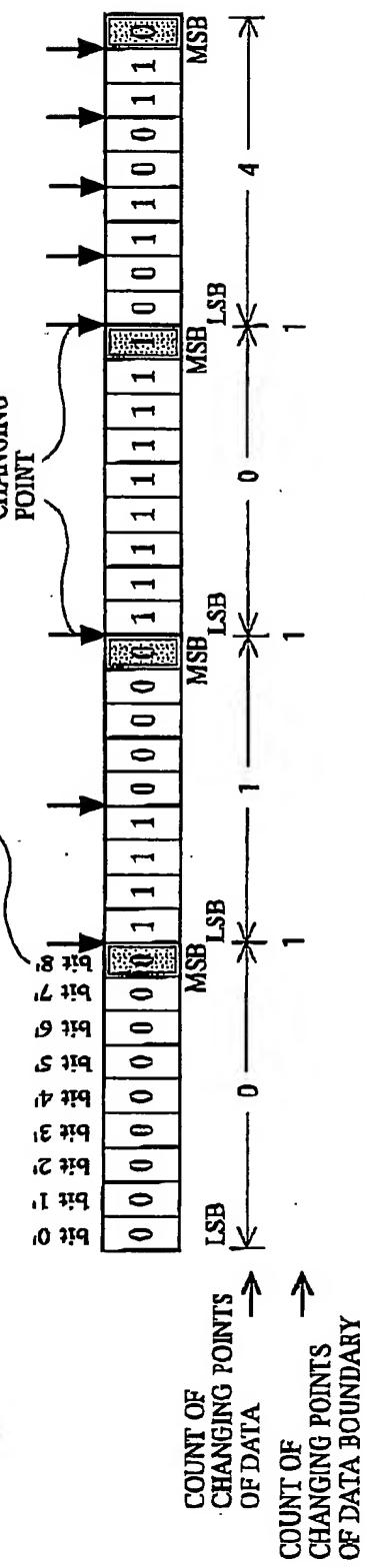
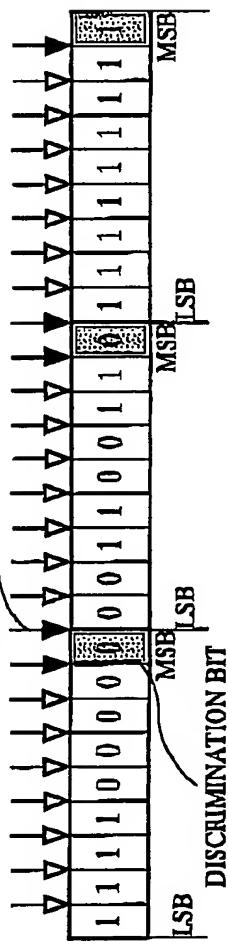


FIG. 4A

DISCRIMINATION BIT IS PLACED AT MSB

↓ : UNCONTROLLABLE CHANGING POINT (PROBABILITY: 50%)
 ↓ : CONTROLLABLE POINT (PROBABILITY: LESS THAN 50%)

FRONT AND REAR EDGES
OF DISCRIMINATION BIT DATA BOUNDARY

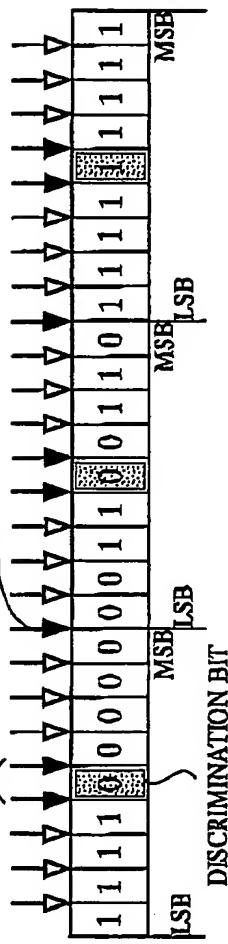


«UNCONTROLLABLE CHANGING POINTS ARE LOCATED BEFORE AND AFTER
DISCRIMINATION BIT AND AT DATA BOUNDARIES.»

FIG. 4B

DISCRIMINATION BIT IS PLACED AT OTHER THAN MSB AND LSB

FRONT AND REAR EDGES
OF DISCRIMINATION BIT DATA BOUNDARY



«UNCONTROLLABLE CHANGING POINTS INCREASE.»

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FIG. 5

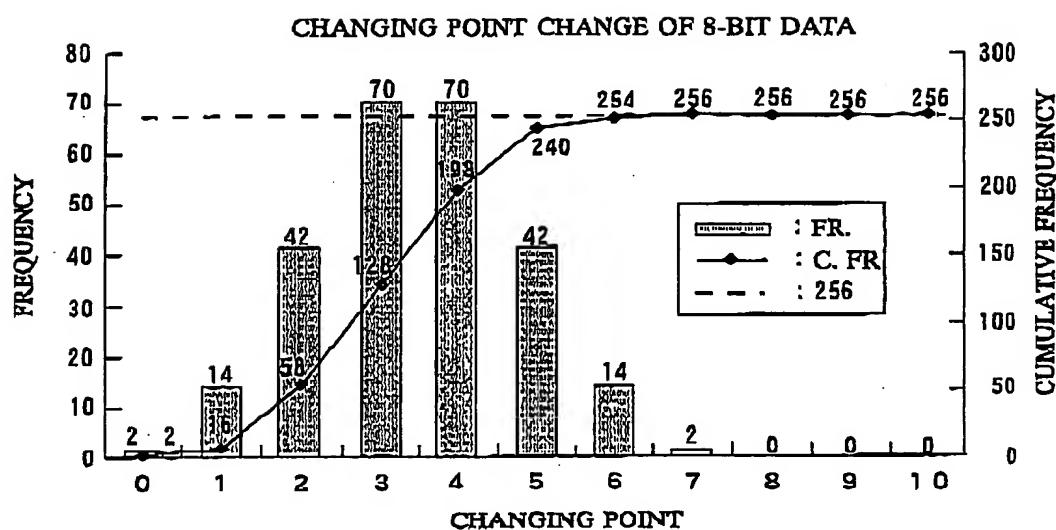
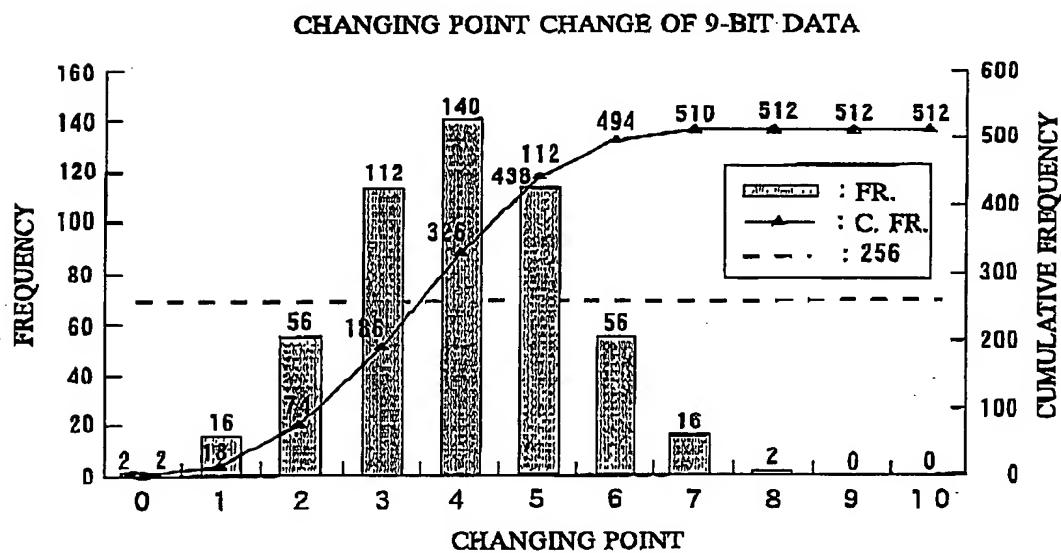


FIG. 6



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FIG. 7

CHANGING POINT CHANGE AFTER CONVERSION TO 9-BIT DATA

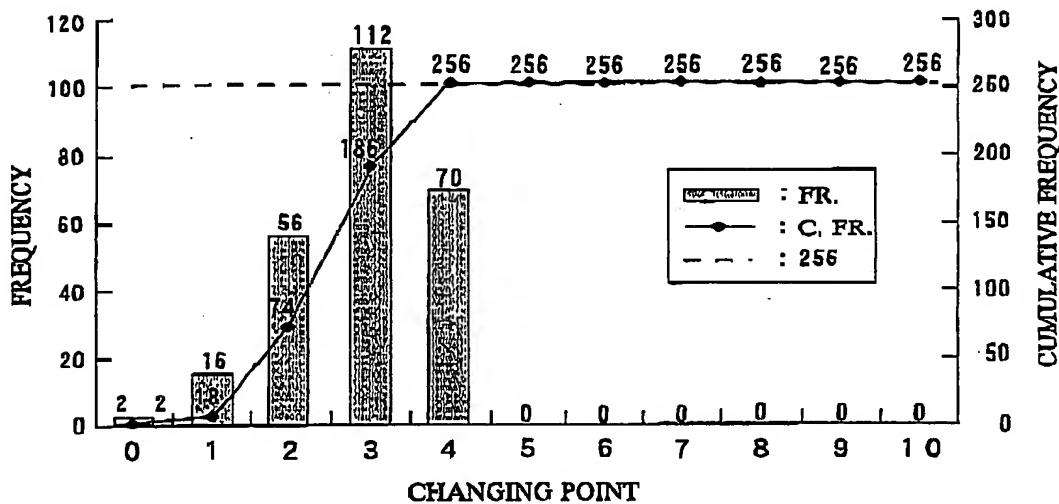


FIG. 8

CHANGING POINT CHANGE INCLUDING DATA BOUNDARIES
IN FIRST EMBODIMENT

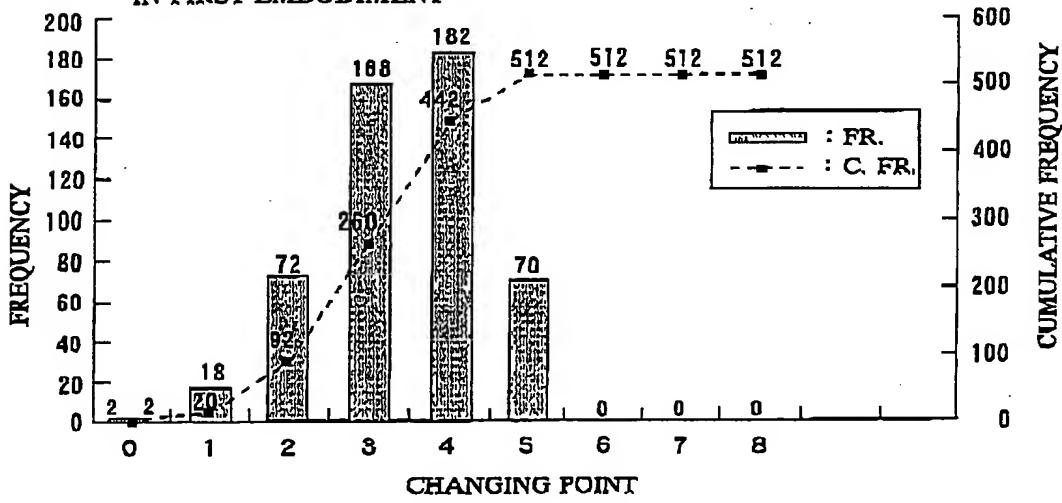
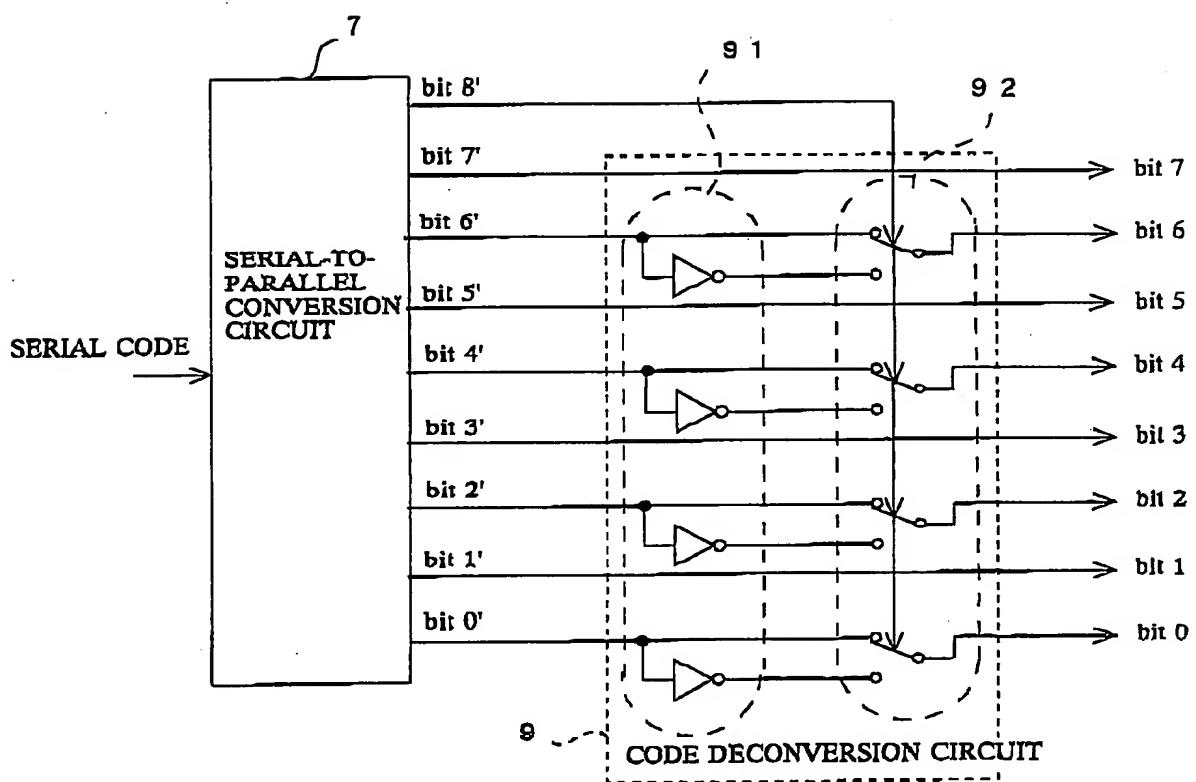
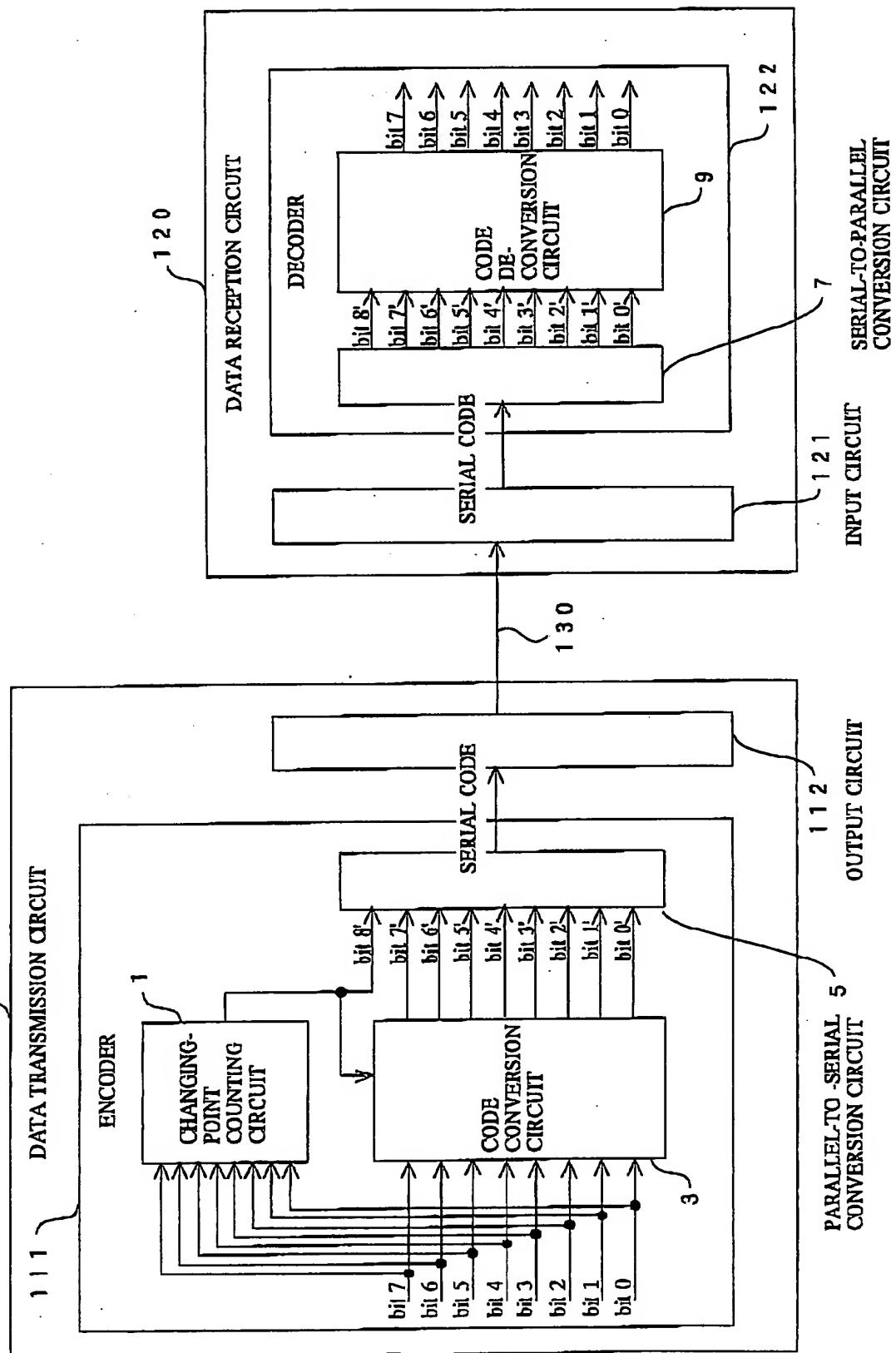


FIG. 9



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FIG. 10



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FIG. 11

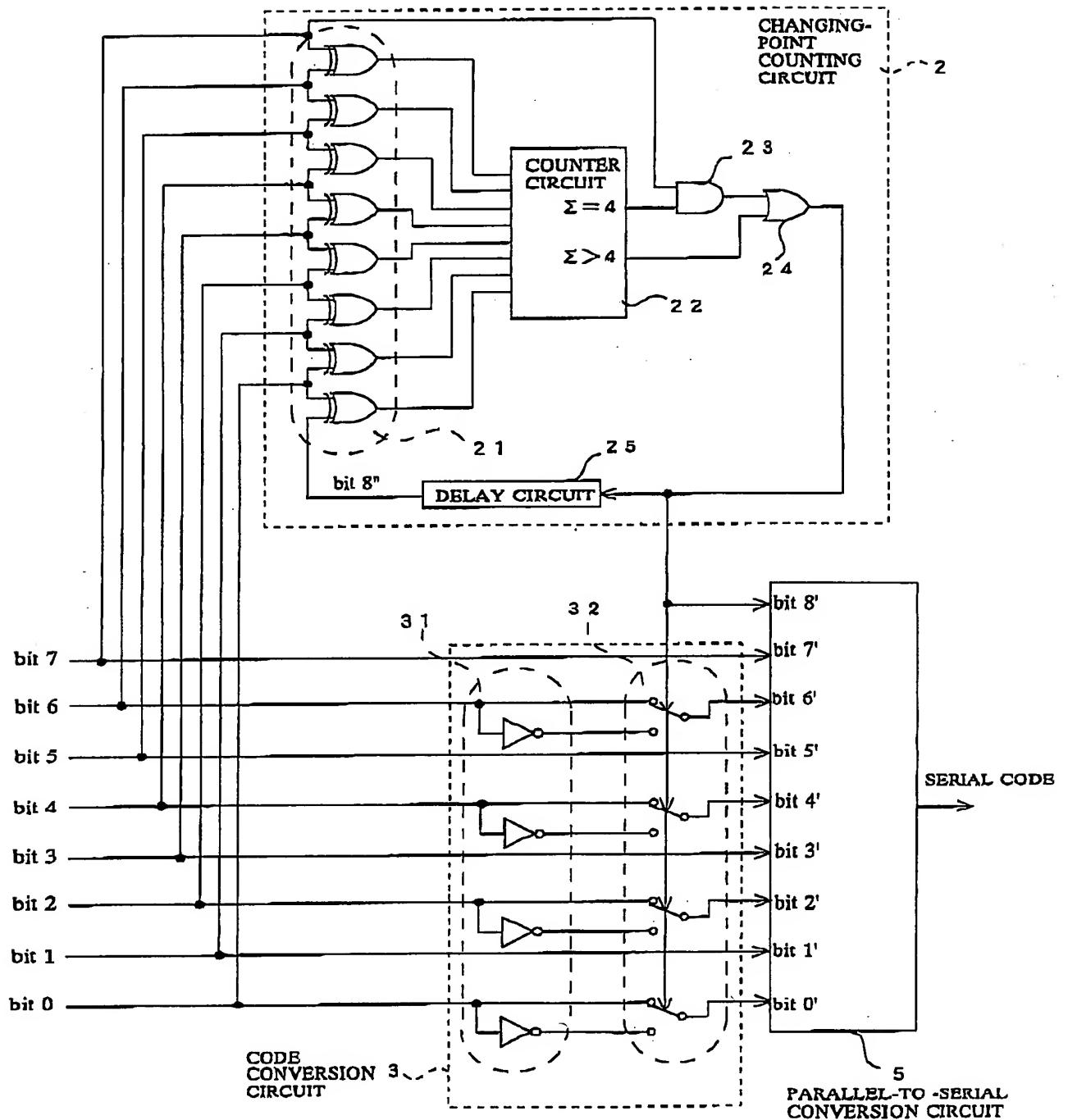


FIG. 12A

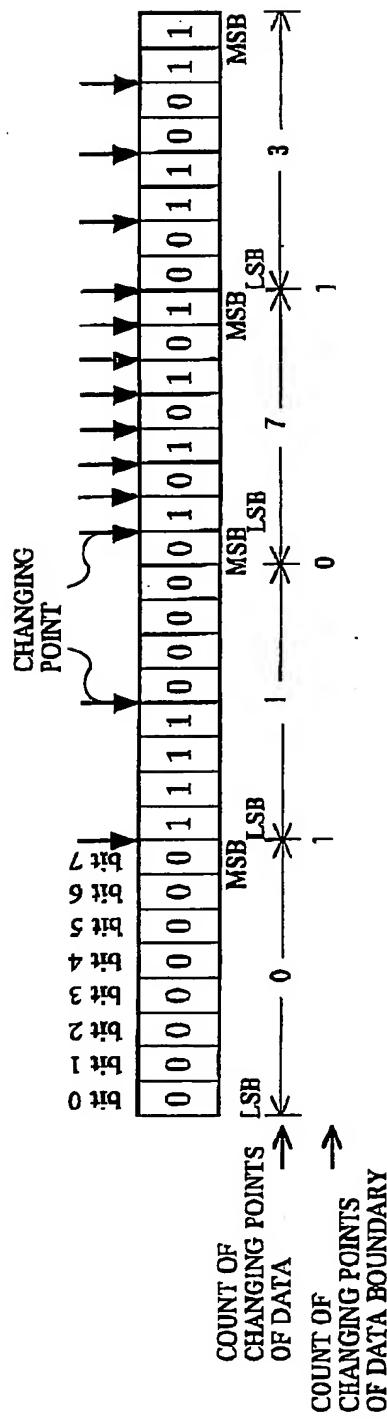
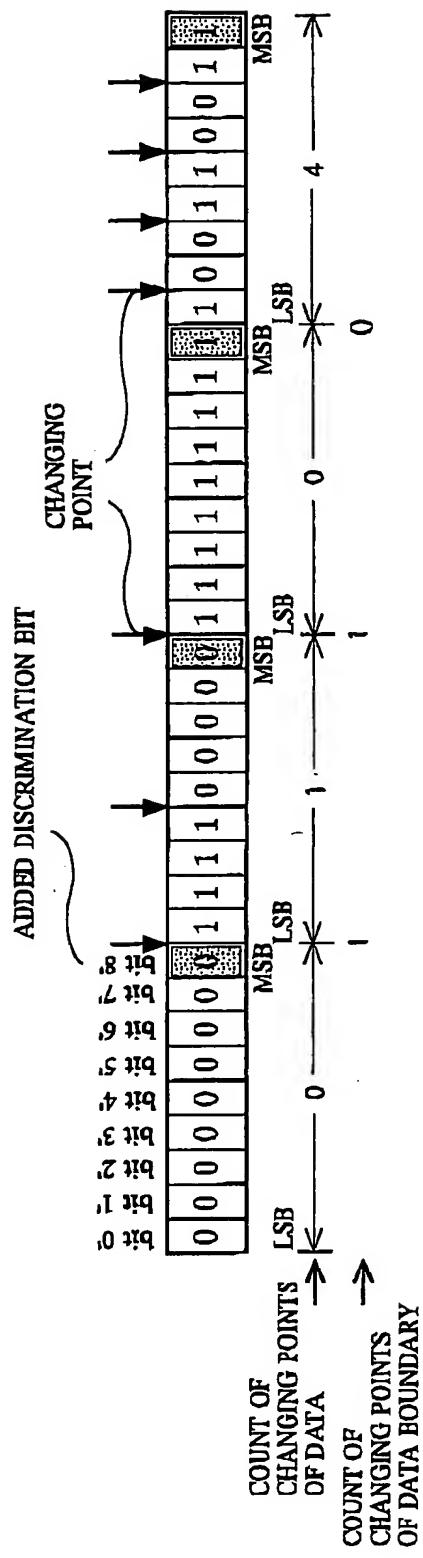


FIG. 12B



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FIG. 13

CHANGING POINT CHANGE INCLUDING DATA BOUNDARIES
IN FOURTH EMBODIMENT

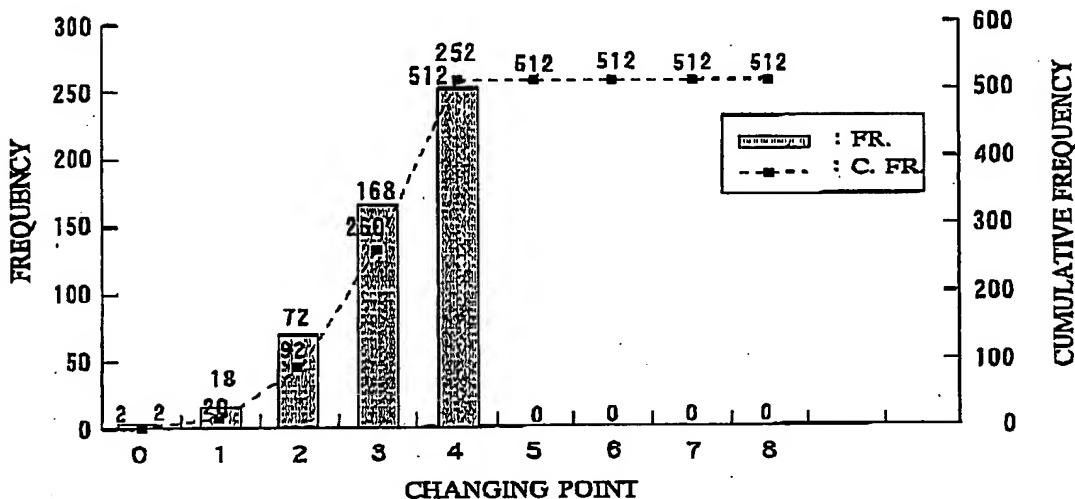


FIG. 14

CHANGING POINT CHANGE OF 10-BIT DATA

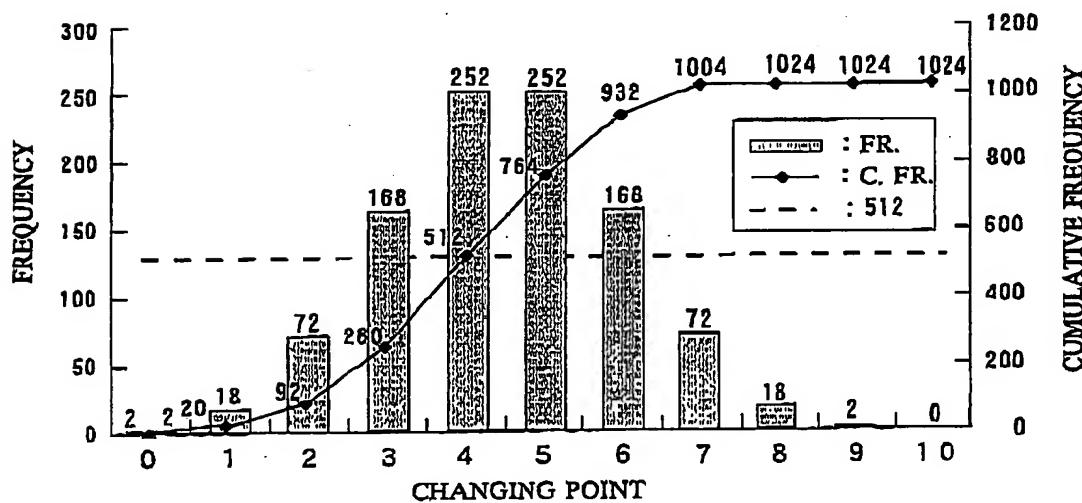


FIG. 15

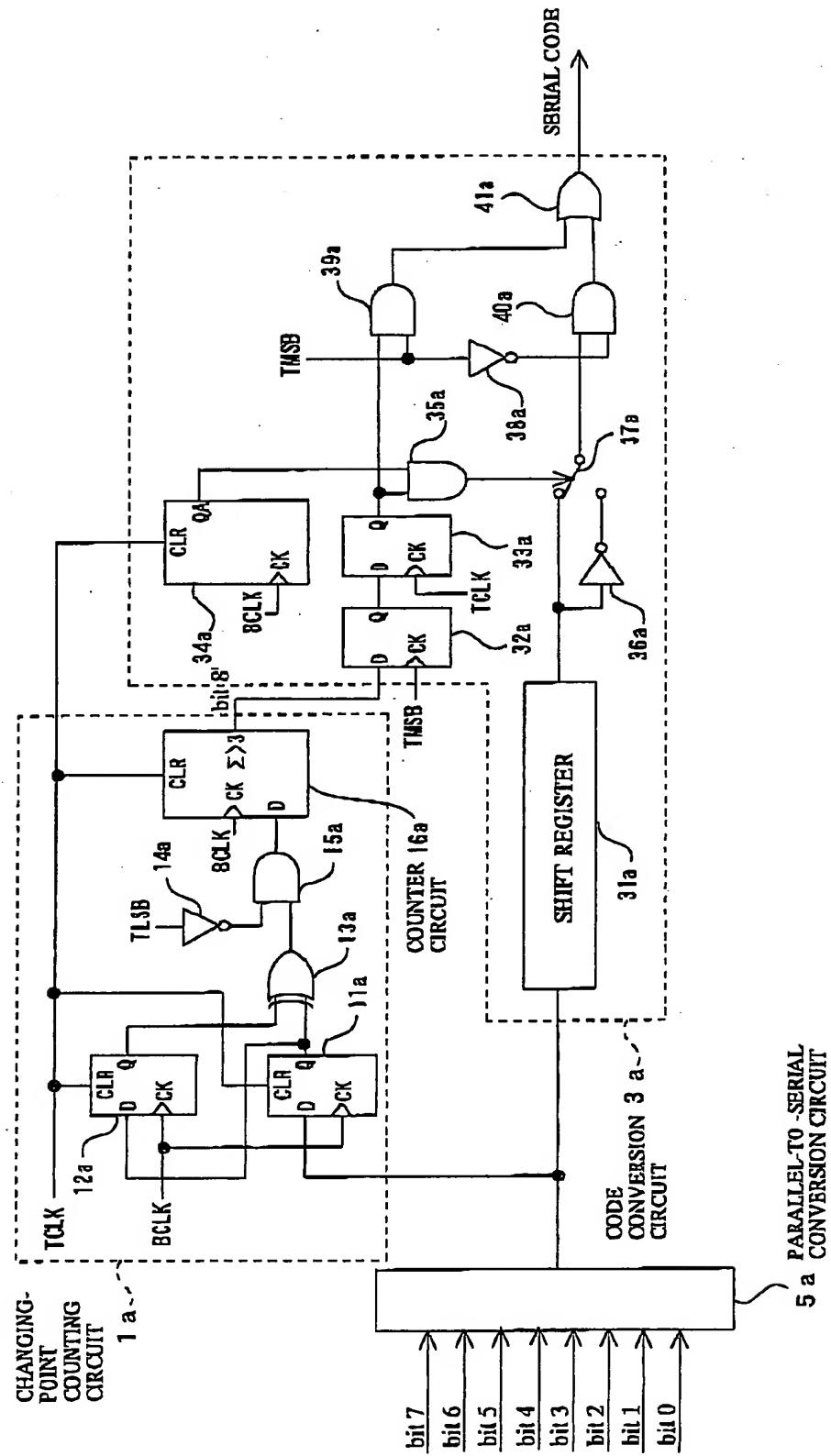


FIG. 16

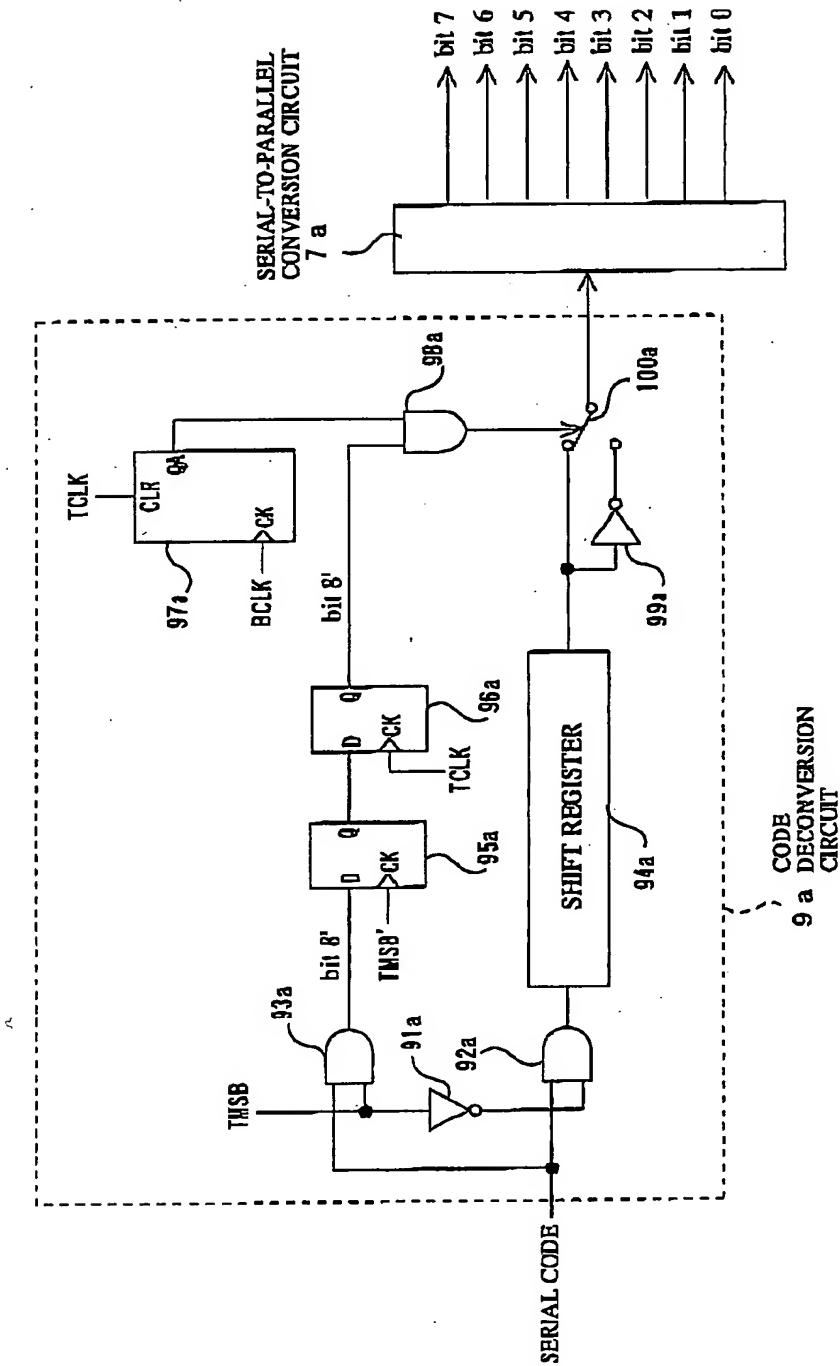
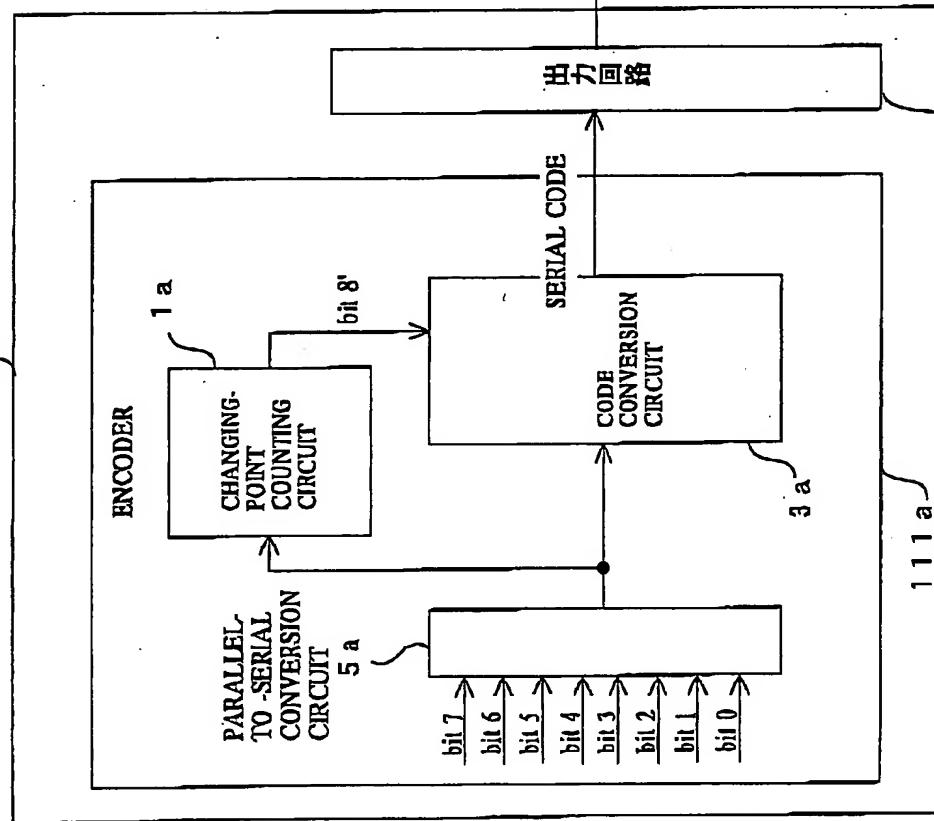


FIG. 17

DATA TRANSMISSION CIRCUIT
110 a



DATA RECEPTION CIRCUIT

120 a

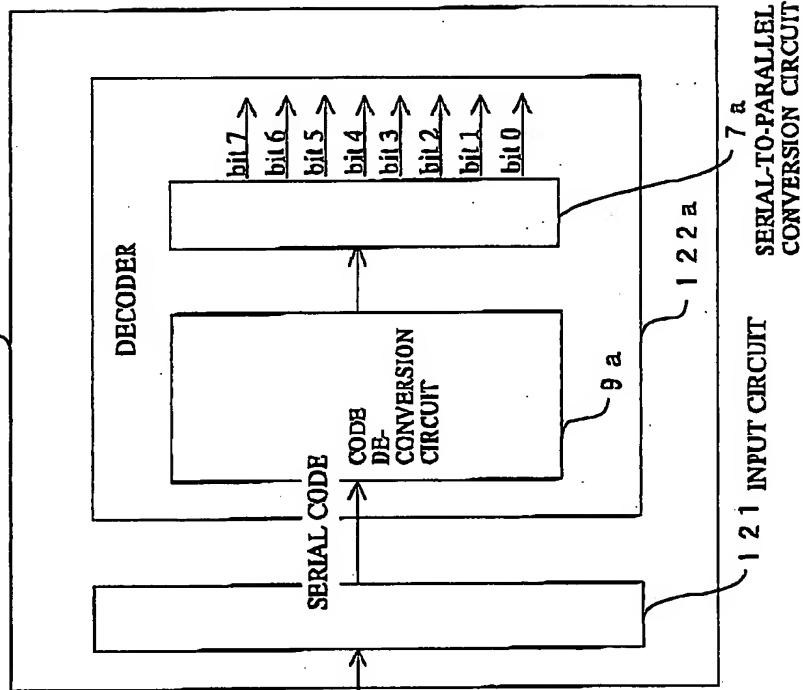
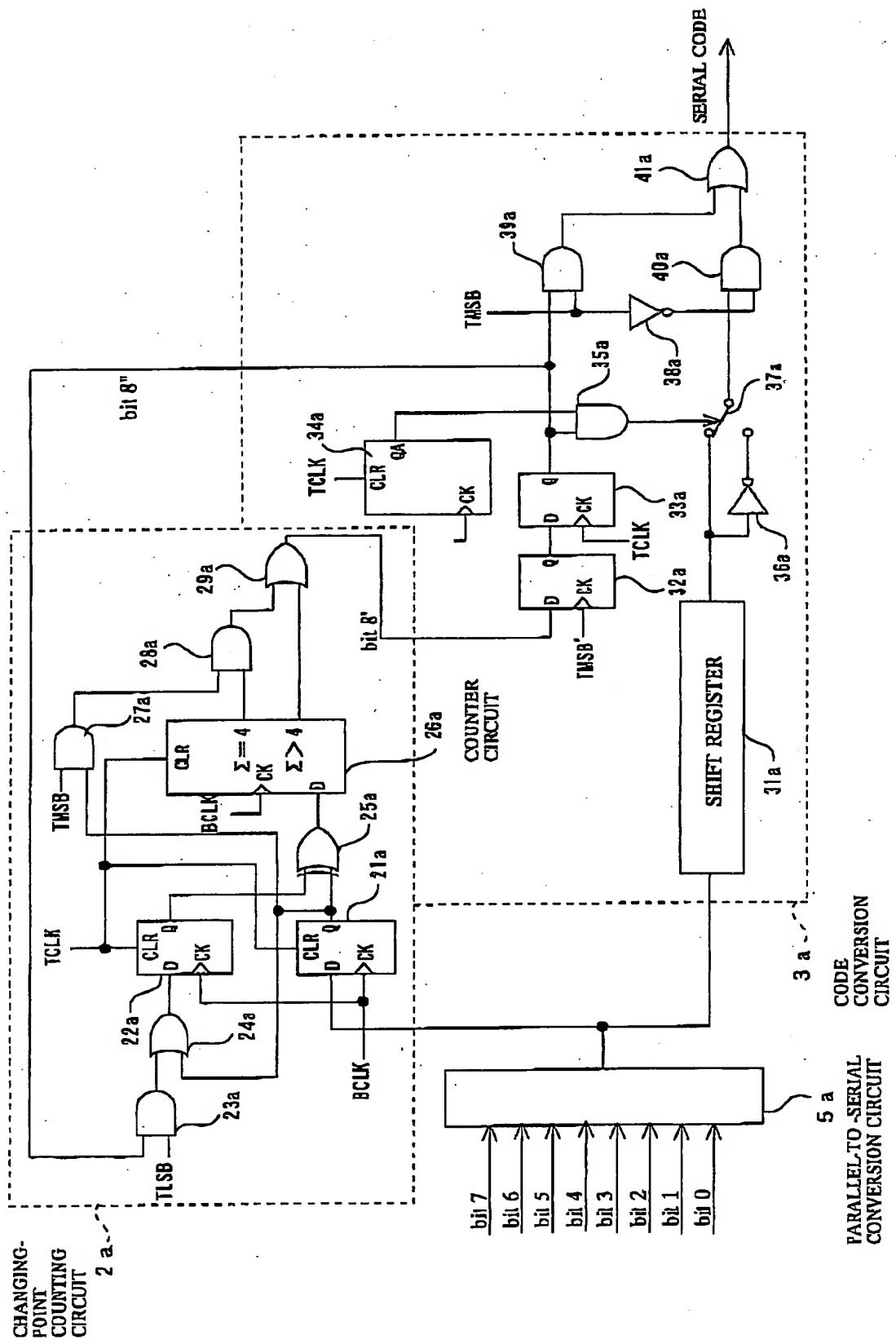


FIG. 18



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FIG. 19

